

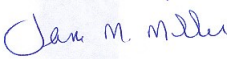
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## DATA MATRIX

Date January 5, 2022			EPA Reg. No./File Symbol 54555-NEW		Page 1 of 8
Applicant's/Registrant's Name & Address			Product:		
AlzChem Trostberg GmbH, Dr.-Albert-Frank Str. 32, D-83308, Germany			AlzChem Forchlorfenuron Technical		
Ingredient Forchlorfenuron					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830-1550	Product Identity and Composition	51348301	Alzchem Trostberg GmbH	OWN	
830.1600	Description of Materials Used to Produce the Product	51348301	Alzchem Trostberg GmbH	OWN	
830.1620	Description of Production Process	51348301	Alzchem Trostberg GmbH	OWN	
830-1650	Description of Formulation Process				1
830.1670	Discussion of Formation of Impurities	51348301	Alzchem Trostberg GmbH	OWN	
830-1700	Preliminary Analysis	51348302	Alzchem Trostberg GmbH	OWN	
830.1750	Certified Limits	51348301	Alzchem Trostberg GmbH	OWN	
830.1800	Enforcement Analytical Method	51348302	Alzchem Trostberg GmbH	OWN	
830.1900	Submittal of Samples				2
830.6302	Color	51348303	Alzchem Trostberg GmbH	OWN	
830.6303	Physical State	51348303	Alzchem Trostberg GmbH	OWN	
830.6304	Odor	51348303	Alzchem Trostberg GmbH	OWN	
830.6313	Stability to normal & elevated temp., metal, metal ion ions	51744401	Alzchem Trostberg GmbH	OWN	
830.6314	Oxidation/Reduction	51744402	Alzchem Trostberg GmbH	OWN	
830.6315	Flammability / Flame Extension				3
830.6316	Explosibility				4
830.6317	Storage Stability	51744403	Alzchem Trostberg GmbH	OWN	
Signature 			Name and Title Jane M. Miller, Agent		Date 1/5/2022

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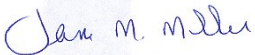
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Ingredient Forchlorfenuron					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6319	Miscibility				5
830.6320	Corrosion Characteristics	51744403	Alzchem Trostberg GmbH	OWN	
830.6321	Dielectric Breakdown Voltage				6
830.7000	pH	51348304	Alzchem Trostberg GmbH	OWN	
830.7050	UV/Visible Spectrum	51348305	Alzchem Trostberg GmbH	OWN	
830.7100	Viscosity				7
830.7200	Melting Point/ Melting Range	51348306	Alzchem Trostberg GmbH	OWN	
830.7300	Density	51348307	Alzchem Trostberg GmbH	OWN	
830.7370	Dissociation Constant	51348308	Alzchem Trostberg GmbH	OWN	
830.7550	Partition Coefficient	51348309	Alzchem Trostberg GmbH	OWN	
830.7840	Water Solubility	51348310	Alzchem Trostberg GmbH	OWN	
830.7950	Vapor Pressure	51348311	Alzchem Trostberg GmbH	OWN	
835.1230	Soil Adsorption/Desorption (Batch Equilibrium)	45840121		OLD	
835.1240	Leaching Studies	Cite-All		OLD	
835.2120	Hydrolysis as a Function of pH and Temperature	Cite-All		OLD	
835.2210	Direct Photolysis Rate in Water by Sunlight	Cite-All		OLD	
835.2240	Photodegradation in Water	44394605		OLD	
835.4100	Aerobic Soil Metabolism	Cite-All		OLD	
Signature 			Name and Title Jane M. Miller, Agent		Date 1/5/2022

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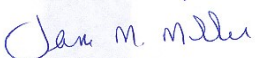
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Ingredient Forchlorfenuron					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
835.4200	Anaerobic Soil Metabolism	Cite-All		OLD	
835.6100	Terrestrial Field Dissipation	49165702	KIM-C1, LLC	PAY	
835.7100	Ground Water Monitoring	Cite-All		OLD	
840.1100	Spray Droplet Size Spectrum	Cite-All		OLD	
840.1200	Spray Field Deposition	Cite-All		OLD	
850.1010	Acute Toxicity Freshwater Invertebrates	Cite-All		OLD	
850.1075	Fish Acute Toxicity (Freshwater)	Cite-All		OLD	
850.1710	Oyster Bioconcentration Factor (BCF)	Cite-All		OLD	
850.1730	Fish Bioconcentration Factor (BCF)	44359524		OLD	
850.1735	Whole Sediment Acute Toxicity Invertebrates (Freshwater)	50488701 50488702	KIM-C1, LLC	PAY	
850.1740	Whole Sediment Acute Toxicity Invertebrates (Marine)	50488703	KIM-C1, LLC	PAY	
850.1850	Aquatic Food Chain Transfer	Cite-All		OLD	
850.2200	Avian Dietary Toxicity	44359521 44359522		OLD	
850.2300	Avian Reproduction	49350901 50105201 50905201	KIM-C1, LLC	PAY	
850.3020	Honey Bee Adult Acute Contact Toxicity	44359525		OLD	
			Name and Title Jane M. Miller, Agent		Date 1/5/2022

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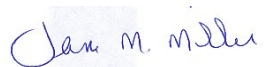
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Applicant's/Registrant's Name & Address AlzChem Trostberg GmbH, Dr.-Albert-Frank Str. 32, D-83308, Germany		Product AlzChem Forchlorfenuron Technical			
Ingredient Forchlorfenuron					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
SS-1311	Honey Bee Adult Acute Oral Toxicity	50346301	KIM-C1, LLC	PAY	
SS-1313	Honey Bee Adult Chronic Oral Toxicity	50446002	KIM-C1, LLC	PAY	
SS-1317	Honey Bee Larvae Acute Oral Toxicity	50446001	KIM-C1, LLC	PAY	
SS-1318	Honey Bee Larvae Chronic Toxicity	50446003	KIM-C1, LLC	PAY	
850.4100	Seedling Emergence	Cite-All		OLD	
850.4150	Vegetative Vigor	46753505 49862501	KIM-C1, LLC	PAY	
850.4400	Aquatic Plant Growth Toxicity Test Using Lemna spp	45840110		OLD	
850.4500	Algal Toxicity	46753501 46753502 46753503 46753504	KIM-C1, LLC	PAY	
850.4550	Cyanobacteria Toxicity	Cite-All		OLD	
SS-1208 SS-1209 SS-1210	Chronic Sediment Invertebrate Toxicity Testing (Freshwater/Estuarine/Marine)	50559101	KIM-C1, LLC	PAY	
860.1300	Nature of the Residue - Plants	Cite-All		OLD	
860.1300	Nature of the Residues - Livestock	48966605	KIM-C1, LLC	PAY	
860.1340	Residue Analytical Method	Cite-All		OLD	
860.1500	Crop Field Trials	Cite-All		OLD	
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Ingredient Forchlorfenuron					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500	Crop Field Trials	47150801 47190601 47190602 48966601 48966602	KIM-C1, LLC	PAY	
860.1520	Magnitude of Residues in Processed Food/Feed	47190601 47190602 48966601	KIM-C1, LLC	PAY	
860.1550	Proposed Tolerances	48966603	KIM-C1, LLC	PAY	
860.1380	Storage Stability Data	Cite-All	KIM-C1, LLC	PAY	
870.1100	Acute Oral Toxicity	44394609		OLD	
870.1200	Acute Dermal Toxicity	44394611		OLD	
870.1300	Acute Inhalation Toxicity	44394608		OLD	
870.2400	Primary Eye Irritation	44394607		OLD	
870.2500	Primary Dermal Irritation	44394610		OLD	
870.2600	Dermal Sensitization	44394606		OLD	
870.3050	Repeated Dose 28-Day Oral Toxicity in Study in Rodents	44359528		OLD	
870.3100	90-Day Oral Toxicity in Rodents	Cite-All		OLD	
870.3150	90-Day Oral Toxicity in Nonrodents	Cite-All		OLD	
870.3700	Prenatal Developmental Toxicity	Cite-All		OLD	
870.3800	Reproduction and Fertility Effects	Cite-All		OLD	
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Ingredient Forchlorfenuron					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.4100	Chronic Oral Toxicity	Cite-All		OLD	
870.4200	Carcinogenicity	Cite-All		OLD	
870.5100	Bacterial Reverse Mutation Assay	Cite-All		OLD	
870.6200	Neurotoxicity Screening Battery	48966606	KIM-C1, LLC	PAY	
870.7800	Immunotoxicity	49080501	KIM-C1, LLC	PAY	
870.5300	In vitro Mammalian Cell Gene Mutation Test	Cite-All		OLD	
870.5385	Chromosomal Aberration Test	44394618		OLD	
870.5395	Mammalian Erythrocyte Micronucleus Test	Cite-All		OLD	
870.5450	Rodent Dominant Lethal Assay	Cite-All		OLD	
870.5550	Unscheduled DNA Synthesis in Mammalian Cells in Culture	Cite-All		OLD	
870.7485	Metabolism and Pharmacokinetics	Cite-All		OLD	
875.1100	Dermal Exposure - Outdoor				8
875.1300	Inhalation Exposure - Outdoor				8
875.1500	Biological Monitoring				8
875.1600	Application Exposure Monitoring Data Reporting				8
875.2200	Soil Residue Dissipation				9
875.2400	Dermal Exposure				9
875.2500	Inhalation Exposure				9
Signature 			Name and Title Jane M. Miller, Agent		Date 1/5/2022

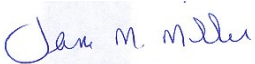
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Ingredient Forchlorfenuron					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
875.2600	Biological Monitoring				9
875.2800	Descriptions of Human Activity				9
875.2900	Data Reporting and Calculations				9
890.1100	Amphibian Metamorphosis (Frog				9
890.1150	Androgen Receptor Binding (Rat Prostate Cytosol)				10
890.1200	Aromatase (Human Recombinant)				10
890.1250	Estrogen Receptor Binding Assay Using Rat Uterine Cytosol				10
890.1300	Estrogen Receptor Transcriptional Activation (Human Cell Line (HeLa-9903))				10
890.1350	Fish Short-Term Reproduction Assay				10
890.1400	Hershberger Bioassay				10
890.1450	Pubertal Development and Thyroid Function in Intact Juvenile/Peripubertal Female Rats				10
890.1500	Pubertal Development and Thyroid Function in Intact Juvenile/Peripubertal Male Rats				10
890.1550	Steroidogenesis (Human Cell Line H295R)				10
890.1600	Uterotrophic Assay				10
890.2100	Avian Two-generation Toxicity Test in the Japanese Quail				10
890.2200	Madeka Extended One-generation Reproduction Test (MEOGRT)				10
890.2300	Larval Amphibian Growth and Development Assay (LAGDA)				10
Signature 			Name and Title Jane M. Miller, Agent		Date 1/5/2022

### **DATA MATRIX FOOTNOTES**

1. **Description of Formulation Process:** Not applicable because the product is a TGA/MP.
2. **Submittal of Samples:** Not required at this time.
3. **Flammability / Flame Extension:** Not applicable. Product does not contain combustible liquids.
4. **Explosibility:** Not applicable. Product is not potentially explosive.
5. **Miscibility:** Not applicable. Product is not intended for dilution with petroleum solvents.
6. **Dielectric Breakdown Voltage:** Not applicable. Product is not intended for use around electrical equipment.
7. **Viscosity:** Not required because product is a solid.
8. **Applicator Exposure – Outdoor:** Not applicable. The EPA has published a ruling on the occupational exposure of forchlorfenuron during its Registration Review in a public document indicating short- and intermediate-term margins of exposure (MOEs) ranging from 3,300 to 94,000, which exceeds the Agency's level of concern (LOC) of 100 by orders of magnitude. (Ref. February 6, 2014, Memorandum from LaMay *et. al.* to Drew and Howard *et. al.* entitled "Forchlorfenuron. Human Health Risk Assessment for Proposed Uses on Almond, Sweet Cherry, Fig, Pear, Pistachio and Plum/Prune." Page 20).
9. **Postapplication Exposure – Outdoor:** Not applicable. The EPA has published a ruling on the postapplication occupational exposure of forchlorfenuron during its Registration Review in a public document indicating short- and intermediate-term margins of exposure (MOEs) ranging from 730 to 10,000, which exceeds the Agency's level of concern (LOC) of 100 by orders of magnitude. (Ref. February 6, 2014, Memorandum from LaMay *et. al.* to Drew and Howard *et. al.* entitled "Forchlorfenuron. Human Health Risk Assessment for Proposed Uses on Almond, Sweet Cherry, Fig, Pear, Pistachio and Plum/Prune." Page 23).
10. **Endocrine Disruption Screening Battery:** Data for forchlorfenuron are not required at this time